

Part Number 73 - 106

Product Description CSA CMG, 3C 22 AWG 7 Strand Tinned Copper, PE-FOAM Insulation, PVC Jacket, Overall Shield, Cable

Specifications Reference CSA C22.2 No. 214 Communication Cables
Additional Specifications None

Standard Jacket Print

CSA CMG 22 AWG FT4 LL83251 WWW.CERCOCABLE.COM 8248 AT-HOM 29 (108 OHMS) A B C D E F G H I J ROHS
work order #, month, year, meter markings (every 1 meter)

Construction Details

Conductor

Description	22 AWG 7 Strand Tinned Copper
Standard	ASTM B8 (Class B), B33
Nominal Diameter	0.0300 inch (0.762 mm)
Type	Concentric

Insulation

Material	Polyethylene Foam
Thickness	0.017 inch (0.432 mm)
Nominal Diameter	0.066 inch (1.676 mm)

Conductors Identification

Colour	Black, Red/White, Blue/White
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.146 inch (3.713 mm)
Fillers	None
Overall Shield Tape	Aluminum/Mylar Tape
Drain	24-7T Copper Concentric
Drain Nominal Diameter	0.024 inch (0.610 mm)

Jacket

Nominal Diameter	0.202 inch (5.136 mm)
Minimum Average Thickness	0.025 inch (0.635 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	ORANGE

Electrical Parameters

Voltage Rating	300 V	
Conductor Resistance	54.4600 Ohm/km @20C	16.5996 Ohm/1000 ft @20C
Inductive Reactance	0.1356 Ohm/km @60 Hertz	0.04132 Ohm/1000 ft @60 Hertz
Capacitance	31.48 pF/m	9.60 pF/ft
Inductance (HF)	0.361 µH/m	0.110 µH/ft
Impedance	109.55 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 60C	
Overall Cable Diameter	0.202 inch (5.136 mm)	
Cable Weight	34.02 kg/km	22.86 lbs/1000 ft
Copper Content	11.71 kg/km	7.87 lbs/1000 ft
Max Pull Tension (Eye)	10.48 kgf	23.10 lbf
Min Bending Radius	41 mm (installed)	1.6 inch (installed)
Min Installation Temperature	-20C	

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